

APPLICATION FOR PERMIT  
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAY 21 1993

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed JAN 24 1986 under 49517

The applicant THATCHER CHEMICAL COMPANY

P.O. Box 27407, of Salt Lake City  
Street and No. or P.O. Box No. City or Town

Utah 84127, hereby make application for permission to appropriate the public  
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is Underground  
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.0595 second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet \_\_\_\_\_

3. The water to be used for Industrial  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated \_\_\_\_\_

(b) Stockwater, state number and kinds of animals to be watered \_\_\_\_\_

(c) Other use (describe fully under No. 12. "Remarks" \_\_\_\_\_

(d) Power:

(1) Horsepower developed \_\_\_\_\_

(2) Point of return of water to stream \_\_\_\_\_

5. The water is to be diverted from its source at the following point NW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Section 14,  
Describe as being within a 40-acre subdivision of public  
Township 22 South, Range 62 East, M.D.M., from which point the Northeast corner  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated. of said Section 14, bears  
North 27° 34' 29" East a distance of 3270.07 feet.

6. Place of use NW $\frac{1}{4}$  of the SE $\frac{1}{4}$  Section 14, Township 22 South, Range 62 East, M.D.M.  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1st and end about December 31st, of each year.  
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) 10 3/4 inch well cased to 400 foot T.D.  
State manner in which water is to be diverted, i.e. diversion structure, ditches and  
Layne-Bowler Aurora-Verti-Line pump  
with 20hp vert-max motor - 3000 gal. pressure tank.  
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$30,000.00

10. Estimated time required to construct works One (1) year. If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use One (1) year.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

(1) Alum Manufacturing Unit 1,805,385 gallons per year. (1) Bleach Manufacturing Unit 1,289,525 gallons per year. (1) Zinc Orthophosphate Manufacturing Unit 773,715 gallons per year. Misc. Process water 1,289,525 gallons per year.

SEE ATTACHED SUMMARY

By s/Ben G. Sweet
467 S. Water Street
Henderson, NV 89015

Compared bc/bc

Protested

DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby deny the same, subject to the following limitations and conditions:

Application 58865 is denied on the grounds that it does not meet any of the exceptions set forth in the State Engineer's Amended Order No. 1054.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before

Proof of completion of work shall be filed before

Application of water to beneficial use shall be filed on or before

Proof of the application of water to beneficial use shall be filed on or before

Map in support of proof of beneficial use shall be filed on or before

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 21st day of November

A.D. 1995

[Signature]
State Engineer

Thatcher Chemical Company  
P.O. Box 27407  
Salt Lake City, Utah 84127

Water-Right Application Attachment

SUMMARY:

This well is the only source of process water for the plant, since service is not available from the City of Henderson or Basic Management Inc.

Plant operation is five (5) days per week, 24 hour continuous operation.

Present consumption as of March 26, 1993 is 5,158,100 gallons per year or 0.0307 cfs, an increase of 3,158,100 gallons or 0.0188 cfs since start-up on March 2, 1987; with an expected increase of about 500,000 gallons per year over the following ten (10) year period.

